

Marcelo Hernandez

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Education

- Florida International University**, *BS in Computer Science* Aug 2024 – July 2026
- **Coursework:** Data Structures (in Java)
- Miami Dade College**, *AA in Computer Science* Aug 2022 – July 2024
- **Coursework:** Java, C++, Discrete Mathematics

Experience

- Computer Science Tutor**, *Miami Dade College* Feb 2023 – Present
- Provided tutoring sessions daily to **hundreds of students** educating them on Java, C/C++, SQL, Python, and more.
 - The sessions **increased the GPA's of students by 15%** as well as a noticeable increase in class participation.
- Call Center Agent**, *Pizza Hut* Dec 2020 – Mar 2023
- Comprehended the needs of—and sold to—**hundreds of customers**, or otherwise offered a relevant help line.

Competitions

- ICPC 2023 USA Southeast Regional**
- Won **silver medal** in Division 2 as part of the MDC CyberSharks, solving the given problems with both Java and Python.

Projects

- atmpt** | *Rust, Github Continuous Integration, Command-Line* github.com/marcelohdez/atmpt
- Easily create temporary coding projects to open in your editor, primarily for programming tutors, **increasing productivity greatly** as it removes the need to set up a new project to test or show an idea.
- Bedroom** | *Java* github.com/marcelohdez/bedroom
- An order and performance tracking program primarily for call center agents, **improving worker efficiency by 20%**, as well as providing historical insight to visualize trends.
- Define4Me** | *Java, MVC, JSON, a REST API* github.com/marcelohdez/Define4Me
- Uses the **Free Dictionary API** and parses its **JSON** responses in order to define a list of words pasted in.
 - Built using a **Model-View-Controller (MVC)** architecture.
- dim** | *Rust, Github Continuous Integration, Command-Line, Config Parsing* github.com/marcelohdez/dim
- Native Wayland screen dimmer, primarily for Linux users who would like to script automatic screen dimming themselves with configurable opacity.
- ImageToText** | *Java, MVC* github.com/marcelohdez/ImageToText
- Converts any image supported by Java's ImageIO class into ASCII text for you to copy.
 - Built using a **Model-View-Controller (MVC)** architecture.

Skills

Languages: Java, JavaScript, Go, Rust, C/C++, Bash

Technologies: Linux, Git, JetBrains IntelliJ, Vim